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TECH NEWS



VOL. 3.—NO 6.

WORCESTER, MASS., WEDNESDAY, OCTOBER 25, 1911

PRICE FIVE CENTS

ARMOUR WINS CROSS COUNTRY SERIES

One Point Takes the Cup Away from Pike '13

Freshmen Easily Take Totals

Doctor's orders kept Porter from entering the last of the series of three cross country runs which occurred on Monday night. This left an interesting race between Armour '13 and Pike '15.

At five o'clock twenty-four had donned running suits and were ready for the crack of the pistol by Manager Norton as a signal for starting. The run was scheduled for last week, Thursday, but the weather did not permit the event taking place. It was therefore postponed until Monday of this week. The course was about five miles long, extending from Alumni Field to Park Avenue, thence to Coe's Square and return to the corner of Highland and West Streets.

About five hundred people gathered on the field at the start and then started for West Street corner for the finish. As the crowd approached the mark a shout went up, "They are coming." But the runners that trotted by were some from the Worcester Trade School. It seems that they are running a series under the supervision of Chas. Price, a former Tech student.

Did you ever notice that the same supporters always attend these games? Even the familiar faces of the Worcester "Frauleins," who are seen first singly and then doubly in company with some student who has found acquaintance either by chance or otherwise.

The run was a pretty one to watch along the road. It was nip and tuck between Armour and Pike for the pace. As the contestants were nearing the end along Park Avenue Pike sprinted a bit and gained nearly fifty yards on Armour. The latter showed his cunning and saved all his efforts till the last, when he overtook his near opponent and passed him on the home stretch. Miller and Gerald took their usual third and fourth places in the ranks. Both of these men are Worcester men, and show the training that was received in the high school cross countries.

By winning first place Armour took the cup from Pike as a reward for the former's support to the event. Pike, Miller, Gerald, Snow and Edgerton will receive ribbons as tokens of top notchers in the runs.

Nineteen fifteen cinched first place by 103 points, making a total of 295 points against 192 for the class of 1913 and 143 for 1914.

The final scores stand as follows:

	Third run	1913	1914	1915
1 Armour,	20			
2 Pike,				19
3 Miller,				18
4 Gerald,				17
5 Snow,	16			
6 Edgerton,		15		
7 Church,			14	
8 Little,			13	
9 Burns,		12		

10 Rice,	11		
11 Lavene,		10	
12 Gridley,	9		
13 Fogerty,	8		
14 Phelps,		7	
15 Halliwell,		6	
16 Hazelton,		5	
17 Smith, C. R.,		4	
18 Jones,	3		
19 Parker,	2		
20 Leavit,	1		
Totals,	64	40	106
Time, 24 min. 17 sec.			

Grand totals

	Points
1 Armour '13,	56
2 Pike '15,	55
3 Miller '15,	53
4 Gerald '15,	50
5 Edgerton '14,	45
6 Snow '13,	43
7 Porter '13,	40
8 Burns '14,	32
9 Little '15,	30
10 Hennessy '14,	36
11 Church '15,	26
12 Phelps '14,	18
13 Gridley '13,	17
14 Lavene '15,	15
15 King '15,	13
16 Andrews '15,	11
17 Rice '13,	11
18 Sterl '14,	10
19 Clark '15,	10
20 Barker '13,	9
21 Elliot '15,	8
22 Fogerty '13,	8
23 Croteau '14,	6
24 Halliwell '15,	6
25 Smith, C. R. '15,	6
26 Johnson '15,	5
27 Hazelton '15,	5
28 Jones '14,	3
29 Graham '13,	3
30 Friars '13,	3
31 Smith, M. '15,	2
32 Parker '14,	2
33 Leavit '14,	1
34 Woods '13,	1
35 Thomas '13,	1

Scores by classes:

1915,	295
1913,	192
1914,	143

Officials in last event:

Checkers, Gilmore and Jenks at Coe's Square; Beck at corner Highland and Park Avenue; Whitlock, Peirce, Prouty, St. George, Nutter, Waldo and Carlson at the finish. Timers, Pyder '12 and Spenser '13.

Notice

The subscription blanks are a promissory note and come due Nov. 1, 1911. Everybody who has subscribed must pay on or before that day, in order to have papers delivered the rest of the year. Any who have not subscribed are requested to do so at once.

Subscriptions may be paid to the subscription manager or to the division distributors, and all subscriptions must come in on a regulation blank.

C. E. SOCIETY MEETING

The first Civil Engineering Society meeting of the year was held in room 19, Boynton Hall, Friday evening, Oct. 20. The meeting was called to order by Mr. W. T. Potter, last year's vice-president. The minutes of the last meeting in the spring were read, as was the Constitution of the Society, for the benefit of the new members. The annual election of officers than took place and resulted as follows: President, W. T. Potter '12; vice-president, N. F. Nutter '13; secretary, C. F. Fritch '14; treasurer, N. D. Pease '13.

Following this papers were read by four men of the senior class, on summer experiences.

J. H. Beck, "Changing from a Flat Rate to a Meter System of Waterworks in a Town;" P. H. Delong, "Location of City Pipes, Gates and Fixtures;" E. W. Gleason, "The Survey of a Township;" M. G. Halligan, "Field and Office Work on a Water Power Development."

The discussions were at once interesting and instructive. The men spoke of many problems connected with their respective positions and how they were overcome. After a few words by Professor French the meeting adjourned.

A MOVING PICTURE SHOW

A joint meeting of the Civil, Electrical and Mechanical Engineering Societies will be held in the lecture room in the electrical laboratory. This meeting is held under the auspices of the Mechanical Engineering Society. The Studerbakker Company is exhibiting about 6000 feet of moving pictures and about 100 slides on the construction machinery and tools used in the manufacture of E. M. F. and Flanders automobiles. These pictures will also show the construction of the automobile from the beginning to the end. This includes the testing, and also pictures of races between automobiles and aeroplanes, and some slides on the latest type of biplanes. The meeting will begin at 8 o'clock, Friday evening, Oct. 27, 1911.

CALENDAR

WEDNESDAY.

Y. M. C. A. meeting, 5-5.50 p.m.

FRIDAY.

Joint meeting of M. E. Society and E. E. Society, 8 p.m., electrical laboratory lecture room. Illustrated lecture.

SATURDAY.

Football. Tech vs. Rensselaer, at Troy. Athletic Association meeting. Election of officers, 12 m., Boynton Hall.

TUESDAY.

Physics Colloquium at 4.30, in physics lecture room. All invited.

WEDNESDAY.

Y. M. C. A. meeting, 5-5.50 p.m.

EVERY DAY.

Football practice at Alumni Field, at 4.30 p.m. Now is the time to get in practice for your class team.

IMPORTANT

"TECH NEWS" ASSOCIATION MEETING

There will be a meeting of the Tech News Association this Thursday afternoon, at 5 o'clock. The business manager will give a complete financial statement of the News, and plans for the year will be discussed. All workers for the Tech News, and all those interested in the welfare of our weekly are cordially invited and expected to attend. Association members of course will be present.



NOTICE

Make no dates for Friday evening, Nov. 10, except one for the engineering lecture by Professor Richey, and the social evening following.

More later.

Just save the date.

NOTICE

Meeting of Wireless Association on Friday, at 5 p.m., in E. E. lecture room.

"Hiker" Joy says;—

That there'll be a battle royal 'twixt the Crimson and the Blue this year. It's about as hard to pick the winner at the present time as it is to make a choice between Kuppenheimer and L System Clothes.

These two makes have much in common. Kuppenheimer started out to make the best clothes possible, and then styled some of them especially for young men. The L System people began with special styles for young men and then made them 100% quality.

Whichever make gains the victory with you, you'll never have cause to feel "blue" about the money invested, nor to turn "crimson" with embarrassment at your appearance. In a Suit or Overcoat from either line, you'll be as enthusiastic as the "side-liners" are when "Hiker" takes a forward pass for a gain of 50 yards.

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All communications should be addressed to
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All checks should be made payable to the
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The Tech News welcomes communications
upon pertinent subjects at any time, but does not
hold itself responsible for the opinions therein
expressed.

All material should be in before Monday
noon at the latest in order to have it appear in
the week's issue.

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A SUGGESTION

The coming of the election of the Board of Athletics Directors brings to mind once more the much-kicked-about method of electing the managers of the teams. The whole student body will agree that the present system is wrong, amounting as it does to straight politics. But because it has been so, let it remain so, seems to be the attitude of the student body. But the time will come when Tech will want to cast aside its antediluvian methods and adopt some better system. Now, right at the beginning of the year, is the time to make the change. Let the athletic directors devise such a system that any man who is interested can go out and work for the place he wants to get, the managers to be chosen from such men by the student athletic association. There is work enough to be done, the condition of the track and the field, and the speed with which the athletic dues come in might be cited as examples. Then, in case a manager and the assistant have to retire from Tech, a condition now existing in the track team, there would be a group of men eligible for the vacancy, men who have worked for it and who know its duties and responsibilities.

Now is the time to get a few ideas on this important subject so that the new Board of Directors can make an immediate start toward changing the system.

In this issue of the News you will find the report of the treasurer of the Dramatic Association. It shows assets of \$245.00. This encouraging sum will put the association on its feet and insure a successful show for 1912.

HUB EXPERT PASSES PALM TO HOLY CROSS

The Holy Cross players caused a distinct surprise in the Harvard Stadium, Saturday, and Coach Larkin has mighty good material from which to develop a very strong team. If the Worcester College once gets a good start in football watch for something startling, as Holy Cross athletes have always shown a true fighting spirit in all branches of sport.—*Boston Journal*.

Whether we win the Holy Cross game or not—and there is reason to believe that we will—let's show them our "true fighting spirit" on the occasion of Nov. 18.

There is no report of the athletic collections in the sophomore and freshman classes in this issue owing to the fact that little change in conditions has been observed. Next week we will publish the results, tabulated by classes and divisions.

ATHLETIC ASSOCIATION MEETING

The annual meeting of the W. P. I. A. A. will be held Oct. 28, in the assembly hall in Boynton Hall, and every student, professor and instructor is earnestly urged to attend.

The business of the Athletic Association is carried on to a large extent by the officers and a board of directors, and the main purpose of this meeting will be to elect these men.

The officers are: The president, vice-president, secretary and treasurer.

The Board of Directors is made up of one member from each class and three members from the faculty.

Every student is a member of the Athletic Association, and his duty to it is not only to pay the dues and go out for the teams, but also to attend the meetings and help elect the men who carry on the work of the association. An efficient organization must have good men at its head. Come up to the meeting and do your part toward making the Athletic Association efficient.

TECHMAN'S GREED

1. *I Believe* in No. 1. The first thing in the arithmetic stands for me, *myself*. With the help of Tech, I believe I will ultimately *make good*.

2. *I Believe* in Tech. Tech is my sword, shield and buckler, in the men connected with Tech I have all confidence. I believe in the doctrine of "practical efficiency" the "Tech priests" promulgate.

3. *I Believe* in my mother, who writes as regularly as the calendar operates.

4. *I Believe* in my father, who is "making his old suit do" so that I can stay in Tech.

5. *I Believe* in the other Tech men, Nos. 2, 3, 4, etc.; they are the best men of the present generation.

6. *I Believe* in "her." She seems to have a particular interest in my welfare, and that is very, very cheering. I'm looking at her now—just bought a new gilt frame. *Heaven* isn't out of our solar system, it's wherever I am when I stop to think.—*Waluwala*.

TREASURER'S REPORT W. P. I. D. A.

Receipts	
Tickets,	\$583.50
H. M. Ward (advertising),	35.00
Cash (deposit for fines),	11.00
Total,	\$629.50
Total receipts,	\$629.50
Total expenses,	413.60
Total profit to date,	\$215.90
There still remain to be settled for, by members of the cast, tickets to the amount of \$33.25.	
Expenses	
Theatre,	\$150.00
Costumes,	46.00
Fobs,	73.75
Albert Scott (make-up),	10.75
Price of tickets refunded to usher,	11.00
Theatre (lights, extra help, etc., for rehearsal and performance),	52.40
Picture of cast,	10.00
Incidentals (night performance),	9.50
Printing (tickets and copies for play),	8.30
Janitor Boynton Hall,	5.25
Cuts,	2.00
Trip to Boston (costumes),	5.90
Fines refunded,	3.00
Postage,	.75
Cup (Coach Gray),	25.00
Total,	\$413.60

CHEM CLUB ELECTS

The Worcester Chemical Club organized last week for the year 1911-12, and elected officers as follows: President, A. S. Kloss '12; vice-president, W. G. Bullard '13; treasurer, A. L. Brown '13; secretary, W. J. Kelly '14; Executive Committee, J. M. Walker '12, C. C. Clough '13 and L. A. Howard '14. The club will meet semi-weekly, as in former years, and arrangements are being made to have every other meeting an open meeting, with some speaker from outside the regular club members. The first meeting of the club was of this nature and was held Monday evening. The speaker was Dr. A. M. Comey, director of the Eastern Laboratory of the E. I. DuPont de Nemours Co., at Chester, Pa., who spoke interestingly on "Powder and High Explosives." Doctor Comey represents the DuPont Company at all scientific gatherings, and is known the world over as an expert chemist on the subject of explosives.

COLLECTION OF ATHLETIC DUES, OCTOBER 21

	Senior Class		Per cent.
	am't due	Collected	
Division A,	96	52	46
Division B,	92	62	32
Division C,	40	36	10
Division D	100	76	24
Total,	328	226	31
	Junior Class		Per cent.
	am't due	Collected	
Division A,	56	48	14
Division B,	64	48	25
Division C,	128	88	31
Division D,	56	32	43
Division E,	64	40	39
Division F,	64	44	31
Total,	432	300	31

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SHOW UP

At the orchestra rehearsals held so far only two or three freshmen have shown up. There certainly must be more material than that in 195 fellows. We need a flute, violins, drums and others, and there is all the chance in the world for a fellow who comes out and tries.

You are cordially invited
by the

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Reading Notices.

Reading notices, for sale, to rent, advertising and other reading notices are printed at the rate of 10 cents for six words, payable strictly in advance. Minimum charge, 25 cents. Notices may be addressed to the Advertising Manager, or dropped in the Tech News box in Boynton Hall.

When the cold weather comes you should look to your hair comfort. A trip to Fanny's, 51 Main St., will put you in the pink of condition for cold weather and improve your looks. A trial convinces.

TECH 3—SPRINGFIELD T. S. 15

Clough Kicks for First Score of Season

Team slow to start again

Springfield made all their points within the first fifteen minutes of play, Saturday, and after that were never within striking distance of Tech's goal line. It is the old story of Tech not waking up until after the first part of the game. After the first fifteen minutes Tech played like a real team and held down Springfield in good shape, notwithstanding the fact that Springfield has one of its best teams in years and has beaten Williams 6 to 3.

The scores were due partially to the fumbling of Springfield punts by our backfield, giving in two instances the ball to Springfield near Tech's goal line. The first score was a goal from the field. This was followed a little later by fumbles which resulted in Springfield's two touchdowns. The goal was kicked in each case, making the score then 15 to 0.

After their last score Springfield kicked off to Power, who ran it back fifteen yards. Clough then punted for fifty yards. Mann returned the ball twenty-five yards. Power broke up the first play. Horne then went through right guard for five yards. On the next play Howard broke through and threw Metz for a loss of five yards. Tech then took the ball on downs. Halligan reeled off twelve yards on a delayed pass. Tech failed on a forward pass and the ball went to Springfield. Kelley lost one yard on the first play as Power broke through and nailed him behind his own line. Springfield was forced to punt. Power made eight yards through right tackle. Howard then made it first down on a tackle around play. By great dodging Wulf made six yards around the end. Clough made fifteen yards on a fake kick, but Tech was offside and the ball was brought back. Clough was forced to punt. After Springfield had reeled off twenty yards on two forward passes. Tech held for downs on their own 10-yard line. Halligan squirmed around the end for four yards. Clough then punted for sixty yards against the wind. Springfield returned the punt ten yards. On the first play Wulf intercepted a forward pass. The first half ended with the ball in Tech's possession.

Second half

Power ran back Springfield's kickoff ten yards. Clough punted. The punt was one of the best during the afternoon, going for sixty-five yards over the heads of the Springfield backfield. Springfield was forced to punt back and Kane made a fair catch on the fifty yard line. Clough took the ball on a fake play for eight yards. On the next play Halligan made it first down on a forward pass from Clough. Halligan skirted right end for twenty-two yards. On a skin tackle play Kane made five yards. Power crashed through the line for nine yards more. Then from the 20-yard line Clough, on a kick from the field, sent the ball spinning between the uprights for Tech's first score this year. Springfield kicked off. On the first play Clough punted back. Springfield was penalized fifteen yards for illegal use of hands. Springfield was then forced to punt. Howard broke through and blocked the ball, and the speedy Fritch fell upon it. After an exchange of punts the whistle blew for the end of the third quarter.

Horn was thrown for a loss by Clough on an attempted tackle play. Springfield was thus forced to punt. Halligan made six yards on first play. "Jack" Power then made it first down by hunching through left guard. After Power had hit the left side of the line for five yards Clough punted to Springfield's 45-yard line. Fritch spilled Springfield's first play for a loss. The next man was nailed by Clough on a skin tackle play. Springfield was again forced to punt. The game ended with the ball on Tech's 15-yard line.

The lineup:
Springfield 15
Merner, le.,
Clough rt.,
Schott, lg.,
Gregory, c.,
Collings, rg.,
Swenson, rt.,
Doane, Hazel, re.,
Mann, qb.,
Kelley, lhb.,
Horne, rhb.,
Metzler, fb.,
Referee, Carpenter. Umpire, Connell. Field judge, Jones. Head linesman, Sampson. Four 12-minute periods.

WHO I AM AND WHY I CAME TO THE INSTITUTE

My name is Asa Laurence White. I don't usually use the Laurence but Ma she said to me before I left home that Laurence was my grandfather's name on her side, and that I was to use it if I expected to get any of her Dad's money to help me through Tech. I don't like the name myself, but Pa said I had to use it since Ma said so. Pa for some reason or other gives in to Ma in matters that concern me, but I generally come in strong as both Ma and Pa think I agree with her or his side of the question. My first name Asa is not so bad although Pa always said it should have been Percival or Sylvester, the latter meaning "bred in the country."

I was eighteen years old last August, and was born in Woodsville. We did not stay long in that place for Pa bought the old Si Brown farm out Spencer way. I went to the old stone school down there till I turned twelve and then Pa let me go to Spencer high school. Ma did not like this because she thought that I ought to receive the benefits of college prep school. But Pa had his way for once and did not allow me to become "cultured."

One day last spring me and the hired man was planting potatoes in the big field and Pa came over with cousin Robert. Pa told me to put on my Sunday clothes and go with cousin Robert. We went in to Worcester and up to Tech where cousin Robert goes. He took me all around the place and I saw a lot of fellows looking through something on three legs, and cousin Robert said they were poor civils. He would not tell me why they were poor, but I wanted to be one until I saw a crowd of fellows sitting on the grass by the chem building. They were smoking and when Rob told me they were chemists engaged in summer practice I changed my mind as to being a civil.

When I got home I asked Pa if I could go to Tech. He said I could if I worked during the summer on the farm. Ma said I could if I would promise not to smoke. So with that promise and a box of Pa's cigars in my trunk I came to Tech.

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INSTITUTE NOTES

Prof. C. M. Allen, professor of hydraulic engineering, assisted by J. C. Harvey, is comparing the rating of various kinds of Pitot tubes in still water and in moving water. For the moving water test use is being made of the throat of the 36 inch Venturi meter, and for the still water tests the new circular current meter rating station is used. These are located at the Institute's hydraulic power and testing laboratory, Chaffins Station, in Holden.

Miss Emily M. Haynes, librarian of the Institute, attended the autumn meeting of the Bay Path Library Club, at the Westboro public library, last week. Miss Haynes is one of the vice-presidents of the club.

In connection with the courses in railroad engineering in the department of civil engineering, two bulletin boards are used. The first contains important clippings from the daily press on items of great interest in railroading. Students contribute items. The other gives references to the important railroad articles in the engineering papers. These references are selected with the greatest of care and are changed frequently. Great interest is taken by the students in the course in watching for new material.

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The Cosmopolitan Club held a social meeting, Sunday evening, Oct. 15. Dr. W. L. Jennings gave an address and refreshments were served. Y. C. Mei is secretary for the current year.

The first meeting of the Wireless Association was held last Friday in E. E. lecture room, about twenty-five men being present. Following officers were elected for the ensuing term: President, G. S. Vernam '13; vice-president, J. L. Roberts '12; secretary, H. E. Kent '14; treasurer, W. Gilson '13.

Eleven new members were elected and several new suggestions were discussed. The association expects to have a two k.w. transmitting set in operation in the near future. The next meeting will be held next Friday, in E. E. lecture room. Any person desiring to become a member of the association please drop a note in box addressed to Kent '14.

DARTMOUTH ECHOES

Sherwood Trask, secretary of the Dartmouth Christian Association, will be with us next week to bring to us the greetings of Dartmouth College. Trask is a Dartmouth '10 man, and has figured prominently in the athletic glory of Hanover, being a strong baseball and track man. He is a fine speaker and will bring a real live message. Pass this word along.

TO THE FRESHMEN

"Our greatest glory is not in never failing, but in rising every time we fall." Having the above in mind do not be so downcast over the apparently discouraging marks allotted to you for the first month at Tech. Some of you have cleared the rocks with no damage to the ship; others have not had good control of the steering wheel and have suffered in consequence; still others have neglected their duties and have allowed the ship to flounder. Circumstances, indeed, do alter cases, for some of you have obstacles to overcome. But these obstacles, if surmounted, may be a valuable part of your training at Tech.

Those who have had three years of Tech realize your position, and their experience warrants the following statement: Conscientious application of the best of your faculties can not help but bring you through the most discouraging periods.

It is to be remembered that there has been a transition from a preparatory school to a technical institution. In the prep or especially in the high school your education was obtained not at your own expense, as it is here at Tech. In consequence thereof, get rid of that spirit of doing just enough work to bring you on the safe side. It indeed may be pleasant to you to think that you are getting as good marks with less work than the average fellow. But also remember it is not "what marks you obtain" so much "as how you get them," that actually counts. Your indifference may work to perfection the first year, and if you are a good bluffer you may fool them the second. But as sure as you exist, your neck will be in a precarious condition from there on. Tech Is No Respector of Persons.

"SURE ENOUGH WILLIS!"

On account of a serious eye trouble Dean Meiklejohn, of Brown, who was to address the Popular this afternoon, found it necessary to cancel his visit for the present. We have his promise for an address later in the season. In his place we will have the privilege of hearing Fred L. Willis, general secretary of the city Y. M. C. A. If you want to know what kind of a fellow Willis is just dig out your copy of *Tech News* for Oct. 4, and read the description of him given there. The only change that has taken place in the last three weeks is that he hits a little bit harder than he did then. He is "sure enough" going to be with us this week. Let's give him a rousing reception. As an old Yale grad perhaps he can tell us why the Army put it all over Yale last Saturday. Come right from shop. Music by the Tech quartette.

The following is a list of Bible study groups already organized. It is the hope of the committee to complete the organization of the remainder of the Hill groups before the close of the week. These are given in the order of their organization:

Groups	Leader	First Meeting
S. A. E., M. F. Clement,		Oct. 13
Hampden Street, Harland F.		
Stuart,		Oct. 16
39 William Street, E. F. Poland,		Oct. 16
Delta Tau, E. E. Gilmore,		Oct. 16
Kappa Xi Alpha, M. F. Clement,		Oct. 16
Theta Chi, M. F. Clement,		Oct. 17
Elbridge Street, Allen H. Gridley,		Oct. 19
Hackfeld Road, P. R. Stuart,		Oct. 19
Noon Hour, C. P. Shedd		Oct. 19
Normal Class, Doctor Foster,		Oct. 19

The noon hour group meets once a week for half an hour. There will be as many groups formed as there is demand for. The limit is ten to each group. The Normal Class has Dr. Allyn K. Foster for leader. It meets Fridays from five to six.

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